

70105/28/04

Revised

CITY OF RIVERSIDE
HUMAN RESOURCES DEPARTMENT
CLASSIFICATION SPECIFICATION

TITLE: **WATER CONTROL SYSTEMS TECHNICIAN**

DEFINITION

Under general supervision, to perform skilled work in the maintenance and repair of automated water control equipment and the routine testing and adjustment of control systems; to assist in control system design, installation, and programming of the control system computer; and to do related work as required.

REPORTS TO: Senior Water Control Systems Technician

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from Senior Water Control Systems Technician

EXAMPLES OF DUTIES

Typical duties may include, but are not limited to, the following:

- Work with telephone company personnel in the installation, modification and trouble shooting of telemetry circuits.
- Participate in the testing and initial start-up of control and telemetering systems.
- Assist in the testing and adjusting of recording equipment and telemetering circuits.
- Maintain, repair and replace control equipment, including electrical metering, switch-gear, motors and pumps.
- Assist in the development of plans, specifications, schematics and wiring diagrams for the purchase and installation of control system equipment.
- May assist in the programming of additions and changes for the control system computer.
- Prepare as built and other drawings.

QUALIFICATIONS

Knowledge of:

- Methods, tools and equipment commonly used in the installation, testing and repair of automated control systems.
- Telephone and radio transmission systems as they relate to telemetering.
- Theory and practice of automated control systems using electronic, pneumatic, hydraulic and electro-mechanical equipment.
- Computer programming.

Ability to:

- Read and understand plan, blueprints, schematics and wiring diagrams for automated control systems.
- Trouble shoot, locate and repair control system and telemetering equipment.
- Assist in preparation of plans, estimates, specifications, schematics and wiring diagrams.
- Work under emergency conditions, day or night, and be willing to work when called anytime during a 24-hour period.

Education and Experience:

Any combination of experience and education that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Education: Equivalent to an Associate Arts Degree with major course work in electronics and mathematics.

Experience: One year of experience in electronic telephone circuitry and radio systems related to telemetry.

MEDICAL CATEGORY: Group 1

NECESSARY SPECIAL REQUIREMENT

Possession of an appropriate, valid class "C" California Motor Vehicle Operator's License.

Possession of or ability to obtain within six months a valid Water Distribution Certificate of the appropriate grade issued by AWWA and /or a Water Treatment Facility Operator's Certificate of the appropriate grade issued by the California Department of Public Health as required by area of assignment.

CAREER ADVANCEMENT OPPORTUNITIES

FROM: Water Control Systems Technician

TO: Senior Water Control Systems Technician